

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S53 and (pair dual multi\$5 two second couple plurality) near3 (wire string filament)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 11:10
		S53 and (pair dual multi\$5 two second couple plurality) near3 (wire string filament)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 11:10
		S33 and ((vibrat\$5) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4))".	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/04 11:12
L4	2260	wrench near4 (electr\$6 torque digital).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 09:59
L5	30	4 and (vibrat\$5 oscillat\$5 driv\$5) near6 (wire string)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 10:03
L6	1	5 and ((force stress strain load pressure) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4)). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 10:01
L7	1	6 and (light diode photo\$6 optical)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 10:03
L8	77	4 and ((force stress strain load pressure) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4)). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:01
L9	44	8 and (light diode photo\$6 optical)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 10:03
L10	37	9 and (vibrat\$5 oscillat\$5 driv\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 10:03

L11	1	9 and (vibrat\$5 oscillat\$5 driv\$5) near8 (wire string)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 10:03
L12	109654	((force stress strain load pressure) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:02
L13	1449	12 and (tension\$5 stretch\$5 elongate) near7 (string wire)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:04
L14	1203	12 and (tension\$5 stretch\$5 elongate) near4 (string wire)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:04
L15	420	14 and (vibrat\$5 oscillat\$5 driv\$5).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:04
L16	153	14 and ((vibrat\$5 oscillat\$5 driv\$5) near6 (wire string)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:05
L17	78	16 and \$7magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:06
L18	31	17 and (optical photomicrosensor "photo-microsensor" diode photo\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:07
L19	40	17 and (optical light photomicrosensor "photo-microsensor" diode photo\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:07
L20	10	17 and (optical light photomicrosensor "photo-microsensor" diode photo\$7).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:08
L21	6	20 and frequenc\$6.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 11:08
L22	16	("2306137" "3052116" "3224279" "3310978" "3403548" "3871217" "4567451" "4841256" "4955238" "5316562" "5381005").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/05 11:13

L23	4	("5563348").URPN.	USPAT	OR	ON	2005/01/05 11:24
L24	1	("3712395").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/05 11:24
L25	21	("3712395").URPN.	USPAT	OR	ON	2005/01/05 11:29
L26	21	("3712395").URPN.	USPAT	OR	ON	2005/01/05 11:33
L27	5	("3185232" "3683697" "3692128" "3712395").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/05 11:33
L28	4	("3788134").URPN.	USPAT	OR	ON	2005/01/05 11:34
S1	15	((("6450032") or ("3470400") or ("4215570") or ("4479391") or ("5574220") or ("5596145"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/04 11:04
S2	17182	(73/488-551,862.59-862.69, 760-779).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/03 11:20
S3	1504	S2 and (differential change compar\$5) near6 (frequency vibrat\$6 repeat repetition cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 10:57
S4	4	S1 and (differential change compar\$5) near6 (frequency vibrat\$6 repeat repetition cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 10:36
S5	1	S1 and (cantilever beam plate bar) and wire and (driv\$5 oscillat\$5 vibrat\$6 solenoid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 10:53
S6	4	("3238789" "4215570" "4221131").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/03 10:44
S7	8	("4479391").URPN.	USPAT	OR	ON	2005/01/03 10:51
S8	1128	S2 and (cantilever beam plate bar) and wire and (driv\$5 oscillat\$5 vibrat\$6 solenoid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 10:57
S9	182	S8 and ((vibrat\$5) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 10:00
S10	128	S9 and (differential change compar\$5) near6 (frequency vibrat\$6 repeat repetition cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 10:57

S11	25	S9 and ((differential change compar\$5) near6 (frequency vibrat\$6 repeat repetition cycle)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:20
S12	8	S11 and (vibrat\$5 near4 wire)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:07
S13	6	(differential and wire and vibrat\$5 and transducer).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:08
S14	2	("4372164").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/03 11:19
S15	156	S2 and (vibrat\$5) near6 wire	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:20
S16	7	S15 and ((differential change compar\$5) near4 (frequency repetition cycle)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:25
S17	2	S15 and ((differential compar\$5) near4 (frequency repetition cycle)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 13:06
S18	9	("3683684").URPN.	USPAT	OR	ON	2005/01/03 11:31
S19	463	S2 and (vibrat\$5 near3 (beam bar))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:40
S20	3138	S2 and (beam bar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:40
S21	51	S20 and (vibrat\$5 near3 wire)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:41
S22	27	S21 and (driver oscillator modulator vibratory solenoid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:42
S23	0	S22 and (differential near3 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:42

S24	26	S22 and (differen\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:43
S25	26	S22 and (differen\$5 compare)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:43
S26	15	S22 and (differen\$5 compare) with frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 11:43
S27	26	("2544646" "2974530" "3127775" "3504554" "3789673" "3839915" "4019391" "4264838" "4267731" "4524619" "4538461" "4654663" "4671112" "4674331" "4759220" "4802364" "4836023" "4884446" "4899587" "Re22409" "Re32931").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/03 11:48
S28	17182	(73/488-551,862.59-862.69, 760-779).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/03 12:54
S29	1128	S28 and (cantilever beam plate bar) and wire and (driv\$5 oscillat\$5 vibrat\$6 solenoid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 12:54
S30	182	S29 and ((vibrat\$5) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 12:54
S31	25	S30 and ((differential change compar\$5) near6 (frequency vibrat\$6 repeat repetition cycle)). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 12:54
S32	17182	(73/488-551,862.59-862.69, 760-779).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/03 13:04
S33	73	S28 and (tension\$5 near3 wire)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 13:04

S34	29	S33 and ((vibrat\$5 near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 13:05
S35	7	S34 and ((differential compar\$5) near4 (frequency repetition cycle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 13:50
S36	9	("1806741" "3382942" "3423999" "3621713" "3712395").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/03 13:08
S37	9	("3963082").URPN.	USPAT	OR	ON	2005/01/03 13:09
S38	3138	S28 and (beam bar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 13:17
S39	51	S38 and (vibrat\$5 near3 wire)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 13:17
S40	27	S39 and (driver oscillator modulator vibratory solenoid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 13:17
S41	4	("4074565").URPN.	USPAT	OR	ON	2005/01/03 13:37
S42	9	("2604787" "3052116" "3914992" "3935745" "3960009" "4074565" "4165651").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/03 13:48
S43	441	S28 and (pair two second couple plurality) near3 (wire string filament)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 11:09
S44	177	S43 and (beam bar)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/03 13:50
S45	34	S44 and ((differential compar\$5) near4 (frequency wire string filament vibrat\$5repetition cycle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 13:51
S46	24	S45 and ((vibrat\$5 force stress strain magnitude) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/03 13:57
S47	10	("1806741" "2793026" "3382942" "3612198" "3621713" "3712395").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/03 14:34

S48	11	("3897681").URPN.	USPAT	OR	ON	2005/01/03 14:35
S49	9	("1806741" "3382942" "3423999" "3621713" "3712395").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/03 14:37
S50	9	("3963082").URPN.	USPAT	OR	ON	2005/01/03 14:37
S51	10	"474752"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/04 11:08
S52	0	(177/210).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/04 11:08
S53	785	(177/210r).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/04 11:08
S54	27	S53 and (pair dual multiply "multi" multiplicity two second couple plurality) near3 (wire string filament)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 11:11
S55	11	S54 and ((vibrat\$5 oscillat\$5) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/04 12:27
S56	10	("2912861" "3062052" "3423999" "3546943" "3583225" "3712395").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 11:17
S57	13	("3885427").URPN.	USPAT	OR	ON	2005/01/04 11:19
S58	17186	(73/488-551,862.59-862.69, 760-779).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/04 12:25
S59	17896	S53 S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/04 12:26
S60	24	S53 and (light near3 diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/04 12:26
S61	60	S53 and ((light diode photo\$5) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/04 12:28

S62	7	S54 and ((light diode photo\$5) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 09:58
S63	1	S55 and ((light diode photo\$5) near3 (sens\$4 evaluat\$5 estimat\$5 cell rate comput\$5 detect\$4 test\$4 meter gauge transducer measur\$4 indicat\$4 identif\$4 monitor\$4 determina\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/04 12:29